**Advanced Biology Eukaryotic Cells/Nucleus and Ribosomes (4.3/4.4 Outline)**

*Vocabulary*: Define in your own words

Organelles-

Cytoskeleton-

Chromosomes-

Ribosomes-

Briefly describe the following concepts:

Explain the endosymbiotic theory.

Describe the function and structure of the Nucleus.

Explain the flow of information from DNA to protein.

***ABOUT THE READING:***

*After reading about this topic I learned that…*

*From the reading, write about what* ***disturbs****,* ***interests, confuses, or enlightens*** *you. Pick* ***1.***

*Write one question you have formulated for STUMP (group discussion):*

***Assigned Work:***  *Draw a picture of a Eukaryotic Cell.*

*Label the following organelles: ER (smooth, rough), Nucleus (nuclear envelope, chromatin, nucleolus), Mitochondrion, Golgi apparatus, Cytoplasm, Cytoskeleton (microtubules, actin filaments), Centrioles, Ribosomes, Lysosome, Vesicle, and Plasma membrane.*

*Additional Notes:*